



ER-MAS

ENGINEERING

2023



www.er-mas.com.tr

Get To Know Us Closely...

ABOUT US

ER-MAS ENGINEERING AND MANUFACTURING CO. began its activities with the manufacturing of machining, various machines, spare parts for iron and steel industry and custom manufacturing, gearwheels and purpose-made machines based on orders in Karadeniz Ereğli in 1989.

The company started to increase its production capacity with 3000m² closed area in 6000m² parcel in 2009. Furthermore, manufacturing of coil tong, slab tong, overhead cranes, trolleys, specially designed machines and project engineering and engineering consultancy services are added in our products.

Our productions are accomplishing our objectives by dint of our fast, dynamic and experienced technical staff's high quality solutions that meet the customer's expectations on time. Our objective is manufacturing high quality products that based on total quality system, customer satisfaction and manufacturing on time. Meeting our customers' expectations by serving with this vision and being their effective supplier is one of our objectives.

OUR MISSION

To provide sustainable services by meeting maximum customer requirements with a quality and solution-oriented approach.

OUR VISION

To be a solution-oriented and preferred company that makes a difference with its quality in all sectors in which it operates.



34 Years
Experience



Large
Machine Parkour



Experienced
Team



6000 m²
Working Area

OUR MANUFACTURING SERVICES



GEAR
MANUFACTURING



SHAFT ROLL
MANUFACTURING



MACHINING



CUSTOM WELDED PARTS
MANUFACTURING



CRANE
HOOK BLOCK



CUSTOM SPARE PART
MANUFACTURING



DRUM
MANUFACTURING



LIFTING
EQUIPMENTS



GEARBOX
MANUFACTURING



ENGINEERING
SERVICES



MANUFACTURING CAPABILITIES

MACHINE PARKOUR

TURNING

Diameter	Ø1400 mm
Length	5000 mm
Max Workpiece Weight	12 Ton

MILLING/MACHINING

LENGTH (X)	5000 mm
HEIGHT (Y)	2000 mm
Max Workpiece Weight	28 Ton

SPUR/HELICAL GEAR

MODULE	2-30 mm
Diameter	Ø2000 mm
Length	1000 mm
Max. Helix Angle	60°

HERRINGBONE/DOUBLE HELICAL GEAR

MODULE	2-30 mm
Diameter	Ø2000 mm
Length	4000 mm
Max. Helix Angle	60°

RACK GEAR

MODULE	3-50 mm
Lead Width	1200 mm
Length	2000 mm
Max. Helix Angle	60°

BEVEL GEAR

MODULE	6-30 mm
Diameter	Ø980 mm



QUALITY



WITH INNOVATIVE & MODERN APPROACHES

OUR QUALITY UNDERSTANDING

Our understanding of quality is carried out in three stages: "Input Quality" starting from the raw material, "Process Quality" carried out at the production stage and "Final quality" where the final control is carried out. Our systematic management approach, carried out within the framework of the ISO 9001-2015 quality standard, provides product and service quality to the expectations of our customers in the "Developed Countries Standard". The products we produce are marked with the CE mark and their compliance with the necessary directives is documented to our customers.



RAW MATERIAL QUALITY

For processing in our production units, we prefer raw materials that have been documented in compliance with standards with the results of quality control tests.



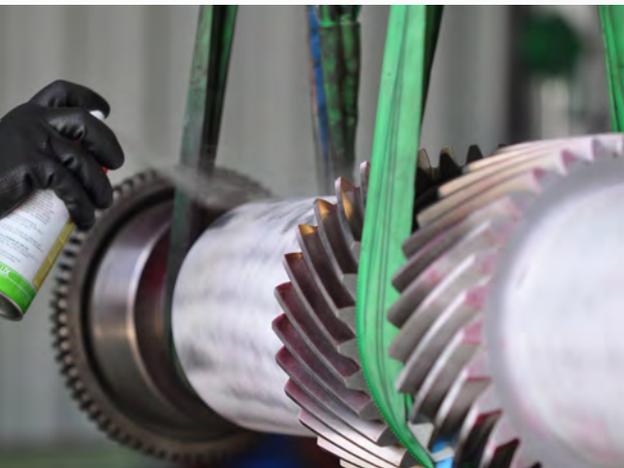
PROCESSING QUALITY

While processing the product, we protect the processing quality by passing tests at every stage in accordance with the Quality Management System.



FINAL QUALITY

We present the final product by documenting and guaranteeing its compliance with the criteria determined at the first project stage.

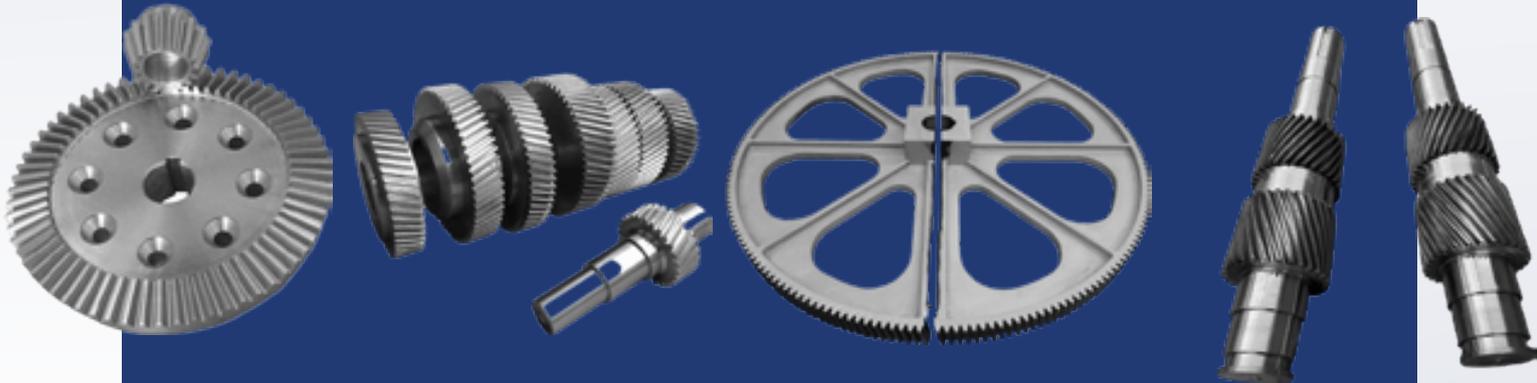


OUR MANUFACTURING

GEAR MANUFACTURING

ERMAS Engineering has been operating in the field of gear manufacturing in Zonguldak Ereğli since 1989. With our fast, dynamic, and experienced technical team, we stand out in the industry by fulfilling customer expectations on time, producing quality solutions, and providing reliable services. We offer a wide range of products, including spur gears, helical gears, bevel gears, worm gears, pinion gears, worm screws, and internal gears, providing solutions in various gear types. We focus on the production of durable and long-lasting gears by selecting quality materials, employing modern manufacturing techniques, and implementing meticulous quality control processes.

We value customer satisfaction and are happy to support you in completing your projects on time with our customized solutions. As ERMAS Engineering, we are always by your side to provide reliable, quality, and effective solutions in gear manufacturing.



MACHINING

ERMAS Engineering operates as a manufacturer catering to the spare part needs of industries such as iron and steel, cement, mining, textile, automotive, and defense, leveraging its extensive machinery park and experienced team. We specialize in producing custom parts according to our customers' requirements and take necessary steps to enhance quality and performance at every stage. Our company embraces customer satisfaction as its top priority and works diligently to meet customer expectations accurately, timely, and with high quality.



CRANE HOOK BLOCKS

Ermās Engineering has been a leading manufacturer in the production of heavy-duty crane hook blocks since 1989. Our company is capable of manufacturing crane hooks ranging from 10 tons to 250 tons. At Ermās Engineering, we design, test, and produce crane hook blocks in accordance with FEM/ISO standards to ensure their reliability and durability.

The crane hooks we manufacture are predominantly used in industries such as heavy iron and steel, mining, petroleum, cement, and ports. Our crane hook blocks are specifically designed to meet the high load capacity and durability requirements of operations in these industries, delivering exceptional performance.

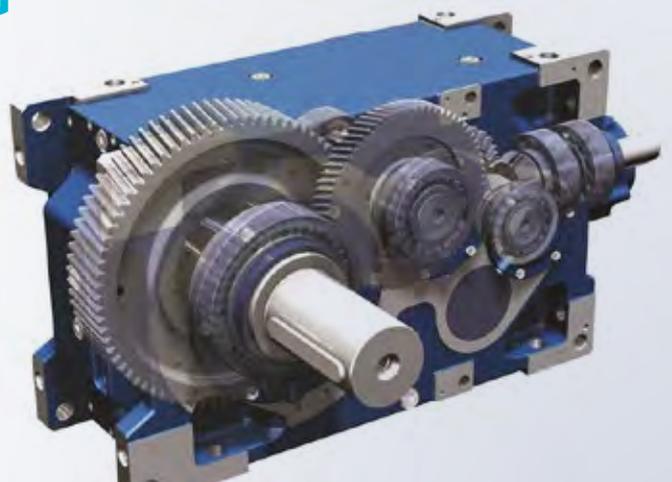


DRUM MANUFACTURING

With our experienced team and extensive machinery, Ermās Engineering specializes in manufacturing custom drums according to your specifications. We have the capability to produce various types of drums, including crane drums, tension drums, spreader drums, and drive drums, with diameters up to 1400 mm and lengths up to 6000 mm.

GEARBOX MANUFACTURING

We offer custom order gearbox design, manufacturing, revision, modernization, and maintenance services to our customers. With our experienced team and extensive machinery, we produce gearboxes that are suitable for heavy-duty conditions and are used in industries such as iron and steel, mining, cement, and textiles. Our gearboxes stand out for their suitability for heavy-duty conditions, durability, and high performance, and are designed to meet the specific needs of our customers.



LIFTING EQUIPMENTS

As ERMAS Engineering, we design, manufacture and assemble lifting equipment with our experienced team and wide machine park.

Some of the lifting equipment we produce;

- Crane Hook Block
- Crane Lifting Group
- C Hook
- Slab Tongs
- Coil Tongs
- Wire Drum
- Crane Drum
- Transfer Car
- Coil Transfer Car



SHAFT – ROLL MANUFACTURING

With our extensive machinery and experienced team, we are capable of manufacturing rollers, rolls, and shafts according to your specific requirements. We can produce these components with diameters up to 1400 mm and lengths up to 6000 mm.



CUSTOM WELDED PARTS MANUFACTURING



ENGINEERING SERVICES

Our company specializes in providing solutions and carrying out modernization, revision, and assembly processes for projects using modern technology and an expert engineering team. Our areas of expertise include revision of transfer vehicles, crane lifting and execution group revision, and modernization of lifting equipment. We prioritize customer satisfaction and provide quick and effective solutions to any issues. We strive to achieve the highest quality standards in everything we do.

REFERENCES

We believe that there is strength in unity and we aim to establish long-lasting business relationships in accordance with our commercial ethical principles, while remaining loyal to business ethics.

Some of our business partners who share the same business mission and goals with us on this path, with whom we have been working and growing together for many years are ;





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